## Supporting Information Legends

AA	$\mathbf{F}$
Ser	3058
Pro	2488
Ile	2173
Cys	1169
His	749
Arg	510
Tyr	489
Met	450
Lys	410
Phe	364
Leu	293
Val	238
Gln	181
Gly	157
Ala	143
$\operatorname{Asn}$	81
Thr	60
Gly	42
Asp	38
Trp	23
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**Table S1.** ANOVA F-test for contribution of different amino acids to the difference between eukaryotic and bacterial proteomes when including the GC genomic content. Here, all genomes before filtering on GC are included.